

## REMARKS

This application has been carefully reviewed in light of the Office Action dated December 19, 2005. Claims 1 to 44 are in the application, with Claims 37 to 44 having been newly-added. Claims 1, 10, 19, 28, 37 and 40 to 44 are the independent claims herein. Reconsideration and further examination are respectfully requested.

Claims 1 to 3, 7, 10 to 12, 16, 19 to 21, 25, 28 to 30 and 34 were rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by U.S. Publication No. 2003/0160989 (Chapin), Claims 4, 5, 13, 14, 22, 23, 31 and 32 were rejected under 35 U.S.C. § 103(a) over Chapin in view of U.S. Publication No. 2005/0240665 (Gu), Claims 6, 15, 24 and 33 were rejected under § 103(a) over Chapin in view of U.S. Publication No. 2002/011629 (Grasso), Claims 8, 17, 26 and 35 were rejected under § 103(a) over Chapin in view of U.S. Patent No. 6,804,718 (Pang), and Claims 9, 18, 27 and 36 were rejected under § 103(a) over Chapin in view of U.S. Publication No. 2003/0055958 (Russell). The rejections are respectfully traversed and the Examiner is requested to reconsider and withdraw the rejections in light of the following comments.

The invention according to Claims 1, 10, 19 and 28 relates to creating a locally managed instance of a printer on a workstation.

In contrast, the present invention relates to installing a printer via the operating system (e.g., windows). According to the invention, the user selects an option in the operating system (e.g., Canon Click And Print) to install the local printer. The user then inputs the identifier (e.g., IP address) of the printer to be installed. Once the user inputs the identifier, the computer determines, from the identifier, the type of printer, and then automatically obtains configuration information and print driver information based on

the determined printer type and the input identifier. The printer is then automatically configured by the computer and the print driver is installed. Thus, the locally managed instance of the printer is created.

With specific reference to the claims, amended independent Claim 1 is directed to a computer implemented method for creating a locally managed instance of a printer on a host computer which communicates print data to the printer over a peer-to-peer network, comprising the steps of selecting an option within an operating system of the host computer to create a locally managed instance of the printer on the host computer, a user inputting an identifier of the printer to be installed on the host computer, in response to the user inputting the identifier of the printer, the host computer determining, from the input identifier, printer type information, based on the determined printer type information and the input identifier, the host computer automatically obtaining printer configuration information and print driver information, the host computer automatically configuring the printer and installing a print driver for the printer based on the obtained printer configuration information and print driver information, and the host computer creating the locally managed instance of the printer on the host computer.

Claims 10, 19 and 28 are computer program, computer medium, and apparatus claims, respectively, that substantially correspond to Claim 1.

The applied art, alone or in any permissible combination, is not seen to disclose or to suggest the features of the invention, and in particular, is not seen to disclose or to suggest at least the features of selecting an option within an operating system of a host computer to create a locally managed instance of the printer on the host computer, a user inputting an identifier of the printer to be installed on the host computer, in response to the

user inputting the identifier of the printer, the host computer determining, from the input identifier, printer type information, based on the determined printer type information and the input identifier, the host computer automatically obtaining printer configuration information and print driver information, the host computer automatically configuring the printer and installing a print driver for the printer based on the obtained printer configuration information and print driver information, and the host computer creating the locally managed instance of the printer on the host computer.

Chapin is seen to disclose a web-server based installation process. In Chapin, the user activates a web browser and accesses a web-server in a printer to install the printer on the user's computer. The web-server writes its IP address (and possibly other information) in the form of a cookie onto the user's computer. Then, when the user confirms installation of the printer, the web-server runs the installation program on the computer and utilizes the IP address to obtain the configuration and driver information, and to configure and install the print driver. Clearly, the foregoing process is different from Claim 1, and is not seen to correspond to the foregoing features of Claim 1.

Gu, Grasso, Pang and Russell are not seen to add anything to overcome the foregoing deficiencies of Chapin, and in particular, Gu, Grasso, Pang and Russell are not seen to disclose or to suggest anything that, when combined with Chapin or one another in any permissible combination, would have resulted in the features of selecting an option within an operating system of the host computer to create a locally managed instance of the printer on the host computer, a user inputting an identifier of the printer to be installed on the host computer, in response to the user inputting the identifier of the printer, the host computer determining, from the input identifier, printer type information, based on the

determined printer type information and the input identifier, the host computer automatically obtaining printer configuration information and print driver information, the host computer automatically configuring the printer and installing a print driver for the printer based on the obtained printer configuration information and print driver information, and the host computer creating the locally managed instance of the printer on the host computer.

In view of the foregoing amendments and remarks, amended independent Claims 1, 10, 19 and 28, as well as the claims dependent therefrom, are believed to be allowable.

Newly-added Claim 37 is directed to an information processing apparatus, comprising obtaining means for obtaining information indicating a type of a peripheral device in accordance with communication with the peripheral device, first determination means for determining device driver information corresponding to the peripheral device by using the information indicating the type of the peripheral device obtained by the obtaining means, second determination means for determining configuration information of the device driver information corresponding to the peripheral device by using the information indicating the type of the peripheral device, and execution means for executing an install process for the device driver information by using the device driver information determined by the first determination means and the configuration information determined by the second determination means, wherein the obtaining means obtains the information indicating the type of the peripheral device which is output from a firmware of the peripheral device, the first determination means searches a database by using the information indicating the type of the peripheral device obtained by the obtaining means as

a search key for the database, the second determination means searches the database by using the information indicating the type of the peripheral device obtained by the obtaining means as a search key for the database, and the driver information is described in the database.

Claims 40 and 41 are method and computer medium claims, respectively, that substantially correspond to Claim 37.

None of the art of record, alone or in any permissible combination, is seen to disclose or to suggest the features of Claims 37, 40 and 41, and in particular, none of the art of record is seen to disclose or to suggest the features of the determining driver information for a peripheral device by searching a database by using information indicating the type of a peripheral device obtained from the peripheral device as a search key for the database, and determining configuration information for the peripheral device by searching the database by using the information indicating the type of the peripheral device obtained by the obtaining means as a search key for the database.

Newly-added independent Claim 42 is directed to a computer implemented method for a computer which communicates with the printer, comprising the steps of managing a database in which printer identification information and printer configuration information for a communication are managed, receiving the printer identification information of the printer in response to selecting a printer object implemented by a graphical user interface, in response to receiving the identification information, obtaining the printer configuration information for the communication and print driver information managed in the database by using the received identifier as a search key for the database, installing a print driver, and configuring a print driver to set up the communication

configuration information for the communication based on the obtained printer configuration information for the communication and the print driver information.


Claims 43 and 44 are apparatus and computer medium claims, respectively, that substantially correspond to Claim 42.

None of the art of record, alone or in any permissible combination, is seen to disclose or to suggest the features of Claims 37, 40 and 41, and in particular, none of the art of record is seen to disclose or to suggest the features of obtaining printer configuration information for a communication and print driver information managed in a database by using a received identifier from a peripheral device as a search key for the database.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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